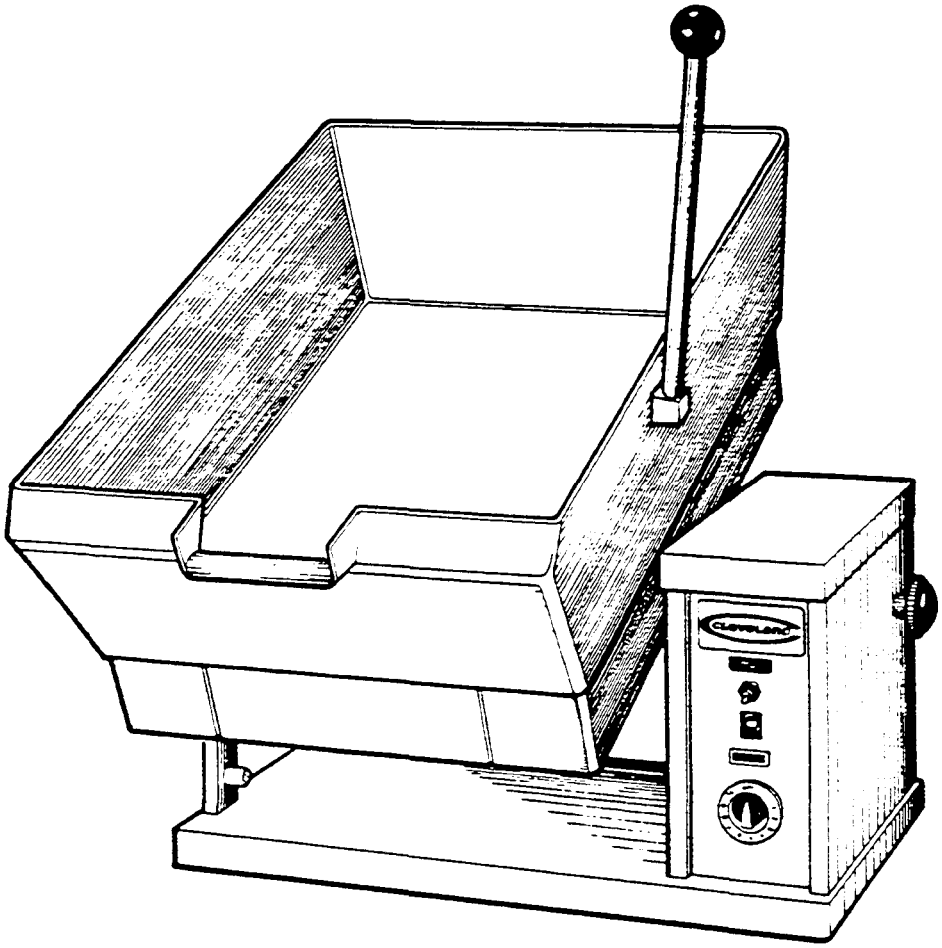
Repair Manual

Table Top Electric Skillet

Model SET-10



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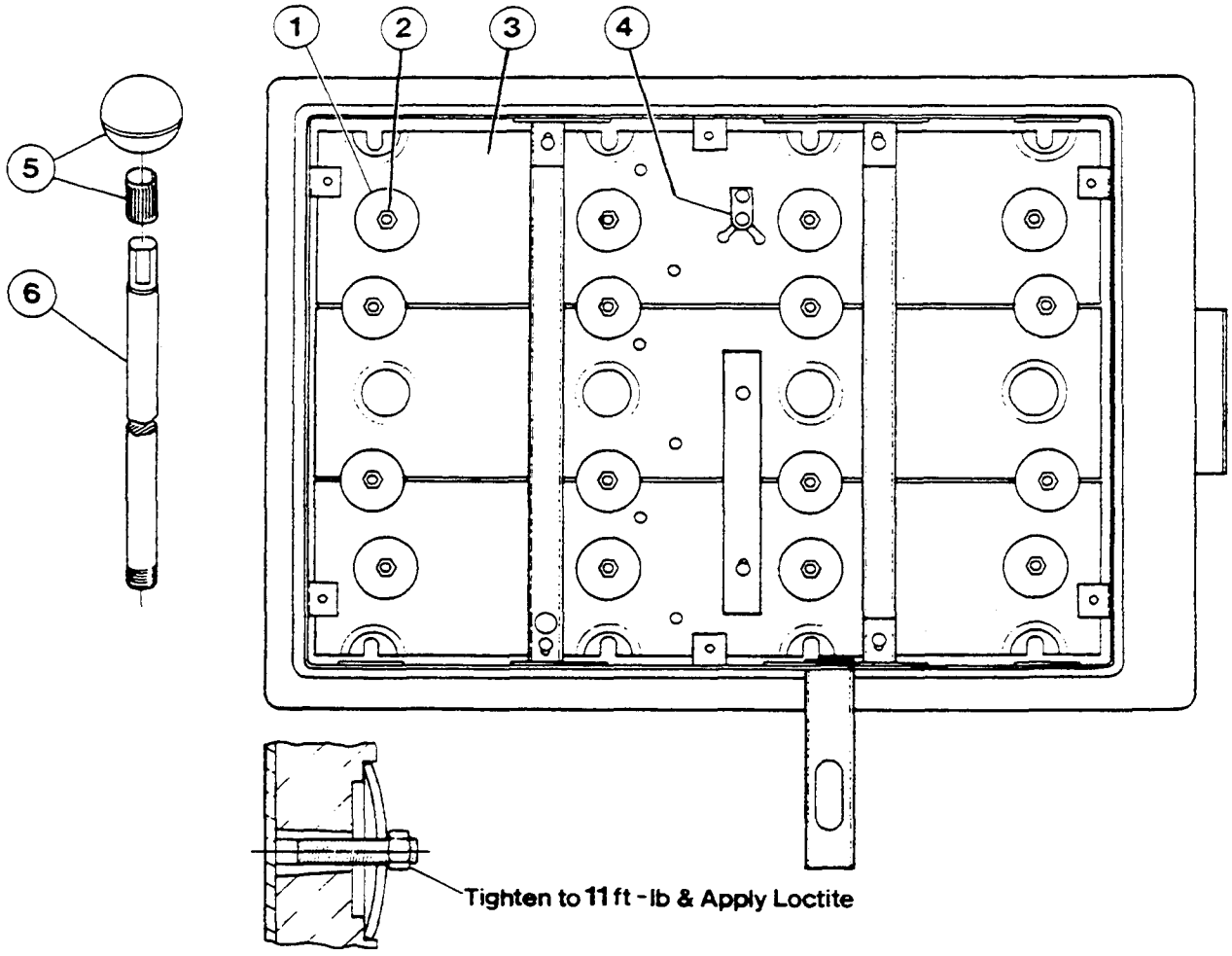
SKI-01

MODEL SET-10 SKILLET OPERATING CONTROLS AND INDICATORS

For your better understanding and confidence, the following explanation of the control system used on these skillets is offered.

Item No.	Description	Function
5-6	Semi Tilt Arm and Knob (Control Housing Dwg.)	While skillet is in a tilted position, push knob in and rotate. This will keep the skillet in a semi-tilted position when lowered.
13	ON/OFF Toggle Switch (Control Housing Dwg.)	Controls electric power to the skillet.
15	Pilot Light (Control Housing Dwg.)	The pilot light cycles on and off, indicating power to the elements, controlled by the thermostat.
20	Thermostat Control Knob (Control Housing Dwg.)	This control knob allows the operator to select various heat increments for operating the skillet.
5 - 6	Tilting Handle and Knob (Skillet Bottom Dwg.)	This handle allows the operator to manually tilt the skillet.

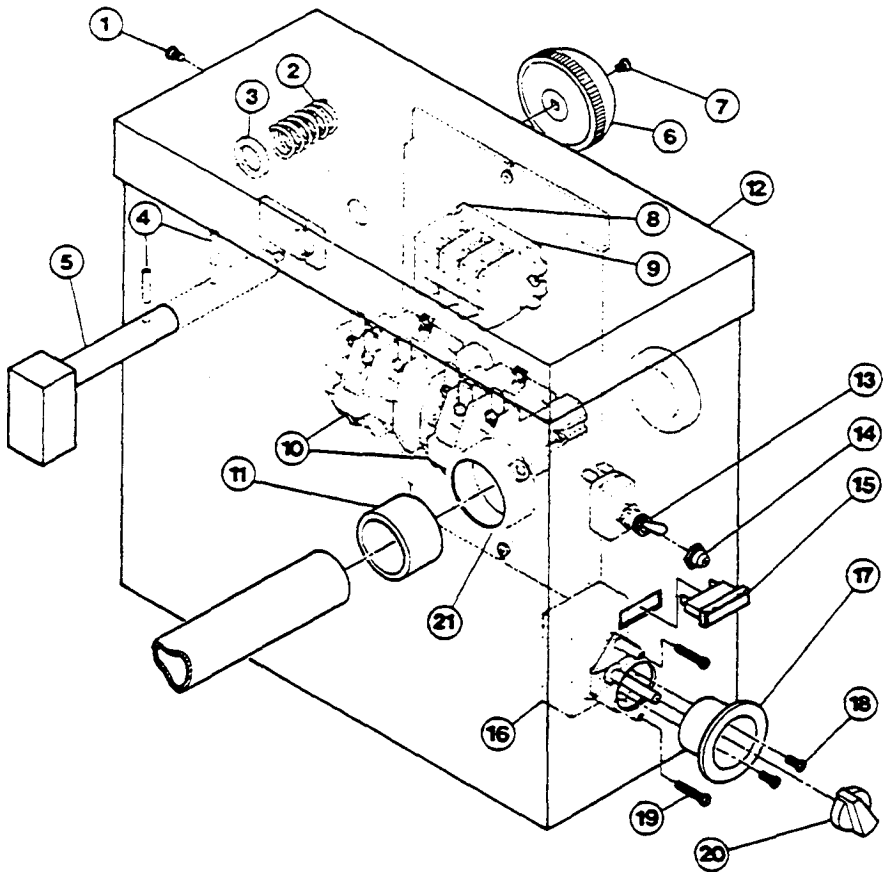
MODEL SET-10 SKILLET BOTTOM



Item No.	Part No.	Description	Qty.
1	SK50019	Washer, Spherical	16
2	FA21024	Nut, 5/16-18	16
3	SK00018	Element Block Assembly	3
4	SK50028	Thermostat, High Limit (575°F) (302°C)	1
5	KE50151	Knob, Handle	1
6	KE50803	Handle	1

Use only replacement parts which are factory supplied as to preserve the certification of Underwriters Laboratories. American Gas Association. Canadian Standards Association or Canadian Gas Association (as applicable). The use of other than factory supplied replacement pans will void the warranty

MODEL SET-10 SKILLET CONTROL HOUSING



Item No.	Part No.	Description	Qty.
1	FA11135	Screw, Cover, 10 - 24 x 1/2"	1
2	SK50038	Spring	1
3	SK50037	Washer	1
4	FA95013	Pin	2
5	SK00025	Semi Tilt Arm	1
6	KE50442	Knob	1
7	FA11501	Screw (Knob)	1
8	SK50054	Terminal Block - End Section	1
9	SK50055	Terminal Block	3
10	KE50749	Contactor, 208 - 240V	1
11	SK50039	Bronze Trunnion Bearing	2
12	SK50050	Console Cover	1
13	SK50056	Switch, Toggle, ON/OFF, DPST	1
14	SK50062	Rubber Boot	1
15	SK50057	Pilot Light	1
16	SK00028	Thermostat	1
17	SK00031	Bezel	1
18	FA10135	Screw, Bezel, 6 - 32 x 1 1/4	2
19	FA10140	Screw, Termostat 6 - 32 x 5/8	2
20	SK50060	Knob, Thermostat	1
21	SK50047	Trunnion Lock Collar	1

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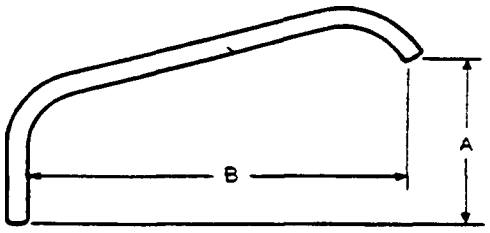
KETTLE AND SKILLET FAUCET

Item No.	Part No.	Description	Qty.
1	SE50020	Hot Water Stem Assy.	1
2	SE50021	Cold Water Stem Assy.	1
3	SE50022	Yoke Connection Kit	1
4	FA00016	"0" Ring	1
5	FA95022	Retaining Ring	1
6	SE50064	Spout Nut	1
7	see chart	3/4 spout (please see 3/4 spout chart below)	1
8	N/A	3/4 spout with Aerator (please order Item No. 4. 5. 6. 7)	1
9	KE51401	Single Pantry Control Valve (incl. Item No. 2)	1
10	KE51403	Double Pantry Control Valve (incl. Item No. 1. 2. 3)	1
11	N/A	Old Style Single Pantry Control Valve (please order item NO 4. 5. 6. 7. 9)	
	N/A	Old Style Double Pantry Control Valve (please order Item No. 4. 5. 6. 7. 10)	
12	N/A	1" Spout (please order item No 4.5.6. 7. 14)	1
13	FA00115	"0" Ring	2
14	SE50061	Adapter (to adapt new style spout to old style control valve)	1



A	B	Part No.
4"	8”	KE50833
10"	9"	KE50832
6"	22"	KE50831
12 1/2"	14""	KE50830
10 3/4	14"	KE50829
5"	14""	KE50828
24"	9"	KE50827
20"	9"	KE50826
12 1/2"	9"	KE50825

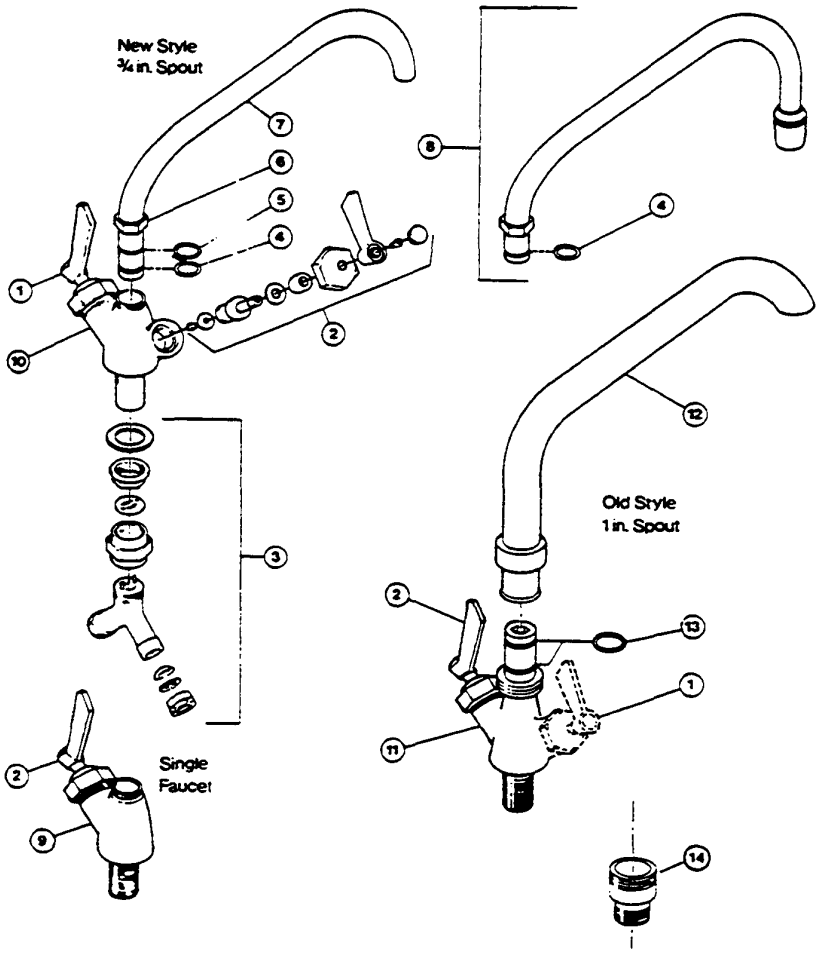


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TABLE TOP ELECTRIC SKILLET

SERVICING GUIDE

This section contains servicing information intended for use by Authorized Service Personnel.

A/ PROBLEM: Skillet fails to heat with pilot light on.

	Probable Cause	**Test and Remedy**
1.	Faulty contactor(s)	Check coil(s) and contacts of contactor(s). Replace if necessary.
2.	Faulty wiring	Check wiring to contactor(s). Replace if necessary.

B/ PROBLEM: Skillet fails to heat with pilot light off. (power switch must .be on and thermostat set).

	Probable Cause	**Test and Remedy**
1.	Main power to skillet is off	Check incoming power at terminal block.
2.	Defective power switch	With power source off, remove wiring from switch and test for continuity. Or with wiring connected and unit on, check for voltage across terminals of switch. Voltage indicates an open circuit. Replace switch if necessary.
3.	Defective thermostat	Shut the unit off and disconnect wiring from thermostat. Check for continuity of thermostat. An open circuit while in the "ON" position indicates a faulty thermostat. Or with thermostat connected and unit on, check for voltage across thermostat. Voltage indicates an open circuit, indicating a faulty thermostat.
4.	Defective high limit thermostat	Repeat above procedure used for defective thermostat.

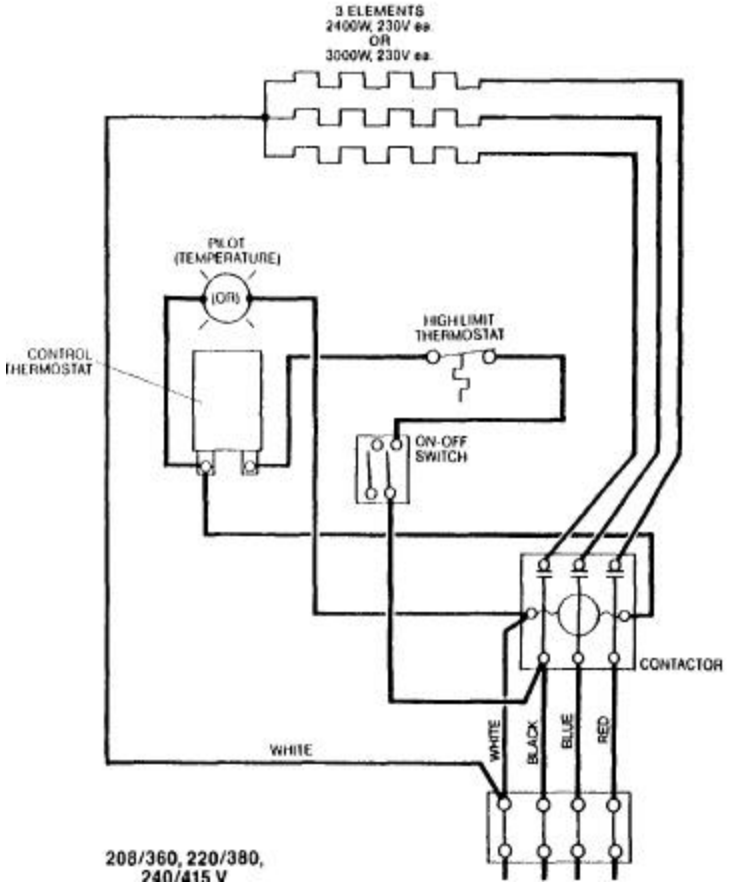
C/ PROBLEM: Skillet fails to reach maximum 425°F at #10 setting.

	Probable Cause	Test and Remedy
1.	Defective or improperly adjusted thermostat	As unit shuts off early, check for voltage across thermostat terminals. If there is voltage across terminals, re-calibrate or replace thermostat.
2.	Defective safety thermostat	Repeat above procedure used for defective thermostat.

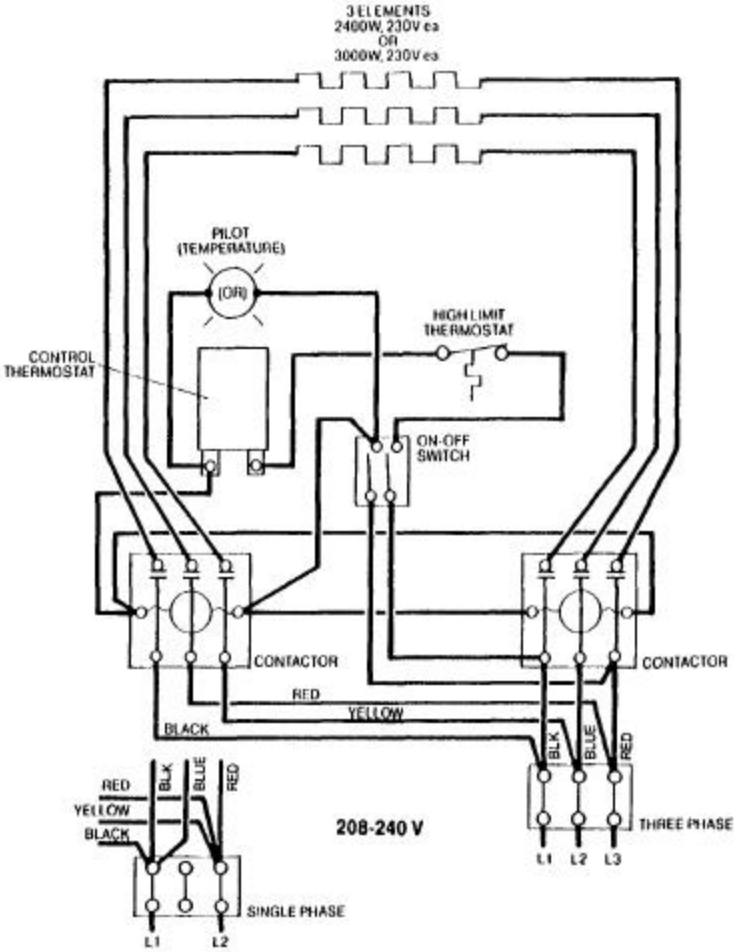
D/ PROBLEM: Skillet has uneven heat over pan surface.

	Probable Cause	**Test and Remedy**
1.	Defective contactor	Check contactors for burned out contacts and replace if required.
2.	Defective heating element block	Check for continuity between element terminals and from terminals to ground. Either an open circuit between terminals or a short to ground indicates a faulty element. Replace if necessary.
3.	Faulty wiring	Inspect condition of wires and connections to elements and contactors. Repair if necessary.
4.	Uneven torquing of aluminum heating blocks	Follow element block torquing procedure.

MODEL SET-10 SKILLET
WIRING DIAGRAM



VOLTS	KW	PH	AMPS
208/360	5.9	3	9.4 perPH
	7.4	3	11.8 per PH
220/380	6.5	3	9.9 per PH
240/415	7.8	3	10.9 per PH



VOLTS	KW	PH	AMPS
		1	28.4
208	5.9	3	16.4 per PH
	7.4	1	35.4
		3	20.5 per PH
		1	29.8
220.	6.5	3	7.2 per PH
		1	31.3
230	7.2	3	18.0 per PH
		1	32.7
240	7.8	3	18.9 per PH